, ,		_ E		ATTER		•	ONTENT	817.4	\$50	034		1	COUNTS				RING L-4 FACE ELEVATION 581.6	ELEVATION (FEET)
DEPTH (FEET)	OTHER TESTS	SHEAR STRENGTH PSF	Liguio	PLASTIC	% 15 15 15 15 15 15 15 15 15 15 15 15 15	* NDE	FIELD MOISTURE CONTEN	DRY DENSITY PCF	WATER LOSS (LUGEONS)	PERCENT	901	ì	BLOW COL				DESCRIPTIONS	ELL
0				15			9	_					13 E	F	YMB	SM SP	THE CAND WITH COCANIC DEPOSE	-580
5			-					-					18 #			3F	GRADES TO BROWN FINE TO MEDIUM SAND, VERY CLEAN BROWNISH-GRAY CLAYEY SILT WITH SAND AND OCCASIONAL GRAVEL (STIFF)	-575
10			-					-		-		4	48 1			ML	(WEDRON FORMATION)	-570
15			_					-								GW	GRAVEL COBBLES AND BOULDERS	-565
													51 8				OCCASIONAL FINE GRAVEL (HARD)	
20													0/2"			ML		560
25												15	0,44"	•		ML	GREENISH-GRAY FINE SANDY SILT WITH TRACE OF CLAY, MICACEOUS, OCCASIONAL SHALE AND SANDSTONE GRAVEL (HARD) (RESIDUAL SOIL)	555
30										-		2	24 0 (•		ML	GRAY FINE SANDY SILT WITH TRACE OF CLAY, MICACEOUS, LAMINATED (HARD)	550
35										+				Винини		GRAY	F BEDROCK (CARBONDALE FORMATION) SILTSTONE, FINE SANDY AND MICACEOUS; THINLY MINATED; WEATHERED, MODERATELY FRIABLE: 30° TO AR VERTICAL FRACTURES SPACED 2 TO 12 INCHES	—5 45
40										9	8 9	2	٠			NE		-540
45	-		-				-	-			+	$\left\ \cdot \right\ $						—53 5
50	,		-				-	1	-		x 9	9					45° FRACTURE AT 48.0 FEET	—53 0
5.5																		
~												l					45° FRACTURE AT 55.9 FEET 60° FRACTURE AT 58.6 FEET	52 5
60	1		+					+		1	9	98					ON THROTONE AT JOTA CELL	-520
6.	5		+				+	-	+	$\frac{ \cdot }{ \cdot }$	+	-				GRAY	SILTY SHALE, FINELY MICACEOUS: THINLY LAMINATED	-5/5
7	<u>_</u>		1				-			 	97	92					30° FRACTURE AT 68.9 FEET 45° FRACTURE AT 70.5 FEET 45° FRACTURES AT 71.8 FEET 30° FRACTURES AT 72.5 FEET	-510
7	ے اے																BORING CONTINUED	
														I		UDD.	BRAIDWOOD STATION	PORT

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FIGURE 2.5-157

LOG OF BORING L-4 (SHEET 1 OF 5)

Γ		*		TERBE		TENT	٨.	S.	٥	
	OTHER TESTS	SHEAR STRENGTH PSF		T	۲,	MOISTURE CONTEN	DENSITY PCF	WATER LOSS (LUGEOMS)	PERCENT	90
1	•-	* 16	317	PASTIC N	HASTICITY INDEX	MOIST	Ě	MA.	. K	
十					1.			П		
,		·			Junio				95	70
5										
ᆉ							-		99	85
5		<u> </u>	1			-	\vdash	+	╁	\vdash
o				····					95	81
5										
0		 	\dagger			+	\dagger	$\dagger \dagger$	96	86
5			-			+	+			
										90
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5				***************************************						
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10			-			+	+	+	-	5 92
45	-	+	+			+	\dashv	\dagger	$\dagger \dagger$	\dagger
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50	<u> </u>					L_			لل	1

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FIGURE 2.5-157

LOG OF BORING L-4 (SHEET 2 OF 5)

											BORING L-4 CONTINUED	NO.
££	25	AR HETH IF		LIMIT	S	FIELD MOISTURE CONTENT	DRY DENSITY PCF	1055	PERCENT RECOVERED	900	BONING 2 1 SON THIS ES	ELEVATION (FEET)
DEPTH (FEET)	OTHER TESTS	SHEAR STRENGTH PSF	01001	PLASTIC THE X	LASTICITY INDEX	FILL	¥ 6	WATER LOSS (LUGEORS)	PER	•	SYMBOLS DESCRIPTIONS	E
150				<u> </u>							The state of the s	430
/55			ļ			<u> </u>	_	\prod	<u> </u>			425
160			1					\parallel	99	99		420
/65			_			_	_	\coprod	_			415
												473
170			+			+	\dagger	$\dagger \dagger$	1000	96		410
175							-	\prod	_	_		105
"												405
180	╎		-			1	+	\parallel	100	100		400
185						_				_		
~~												-395
190	/	-	+			-	+	+	100	100	The state of the s	-390
											GRADES CALCAREOUS AT 195.0 FEET	
/9:											GRAY SILTY LIMESTONE: THIN BEDDED, NUMEROUS IRREGULAR PARTINGS AND GRADATIONAL ZONES OF DARK GRAY CALCAREOUS SILTSTONE 1/4 TO 6 INCHES THICK SPACED 1/2 TO 4 INCHES	-385 s
200	o		+			+	+	+	10	98	(FORT ATKINSON FORMATION)	-380
											1100 E 3 001 0 40 00 3 001 0 100 00 100 00 100 00	
20	9										713 0 101 0 101 0 103 0 110 0	-375
21	0		-			+	+	+	9	8 90	<u> </u>	-370
											LIGHT GRAY LIMESTONE WITH SOME SILT, VERY COARSELY CALCARENITIC; MEDIUM BEDDED, NUMEROUS BLACK CLOSELY SPACED SHALE PARTINGS IN ZONES; HIGHLY FOSSILIFEROUS	
21	5										1/2 IN VUG AT 214.5 FEET	-365
22		-				-	+	+	H ,	xc 9		c; –360
22	₂₅							\perp			POROUS ZONES FROM 220.8 TO 221.8 AND 222.9 TO 223.2 FEET WITH 1/4 TO 1/10 INCH OPENINGS SPACED 1/4 TO 2 INCHES	
											BORING CONTINUED	
											BRAIDWOOD STATION	

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FIGURE 2.5-157

LOG OF BORING L-4 (SHEET 3 OF 5)

											,		BORING L-4 CONTINUED	NO.
DEPTH (FEET)	OTHER TESTS	SHEAR STREMGTH PSF	_	L	ERBI	5 }	נונוס	MOISTURE CONTENT	PCF	WATER LOSS (LUGEONS)	PERCENT RECOVERED	RGD	BONING L-4 CONTINGED	ELEVATION (FEET)
	0.	* 15	3	*	NA STAN	T SE		10137	ž	1			SYMBOLS DESCRIPTIONS	766
230											100	100	GRAY CALCAREOUS SILTSTONE, FINE SANDY, LAMINATED, HIGHLY FOSSILIFEROUS IN ZONES WITH NUMEROUS VERY THIN IRREGULAR WHITE BAIDS, INTERBEDEDE GRADATIONAL LAYERS OF SILTY LIMESTONE 1 TO 6 INCHES THICK, SPACED	-355 -350
235		 	+				+			\mathbf{H}	┢	\vdash	1 TO 12 INCHES: PINPOINT POROSITY AND 1/4 INCH OPEN VUGS SPACED 1/2 TO 2 INCHES FROM 233.3 TO 233.7 FEET (SCALES FORMATION)	-345
240											100	100	1 INCH OPEN VUG AT 237.2 FEET, MINERAL DEPOSITS	-3 40
245	-		+				+			$\left\{ \cdot \right\}$	-	$\frac{1}{1}$	Anguard Anguar	-335
250							-				100	100	GRAY SILTY SHALE, CALCAREOUS; THINLY LAMINATED; INTERBEDD GRADATIONAL ZONES OF SILTY LIMESTONE 1 TO 6 INCHES THIC SPACED 4 TO 16 INCHES	—330
255			+										GRADES TO INTERBEDDED LAYERS OF LIGHT GRAY SILTY LIMESTONE 6 TO 16 INCHES THICK, SPACED 7 TO 32 INCH	ES-325
260	,										loc	104	And the second of the second o	-320
265	5										-		DARK GRAY SHALE, DOLOMITIC; THICKLY LAMINATED, OCCASIONAL INTERBEDDED ZONES OF LIGHT GRAY CALCAREOUS SILTSTONE OR VERY SILTY LIMESTONE 2 TO 6 INCHES THICK,	—3 <i>15</i>
270	-										10	0 10	SPACED 2 TO 4 FEET	-310
27	5				, , , , , , , , , , , , , , , , , , , 									<u>—305</u>
28	0									-	9	6 8		-300
28	5									-	-			—295
29	0					·			 	-	K	x "	CALCAREOUS SILTSTONE LAYERS GRADE OUT BELOW 290.0 FEET	-290
25	ধ					······································			+	+	+	+		—285
30	_w L_			<u> </u>							Ц		BORING CONTINUED	٠
													BRAIDWOOD STATION UPDATED FINAL SAFETY ANALYSIS RE	PORT
													FIGURE 2.5-157	
													LOG OF BORING L-4 (SHEET 4 OF 5)	

1	~ ፤		LIMIT		1 2 2	Ę	8 =	.0		BORING L-4 CONTINUED
OTHER TESTS	SMEAR STRENGTH PSF	C. C	PLASTIC	PLASTICITY INDEX	FIELD MOISTURE CONTEN	DRY DENBITY PCF	WATER LOSS (LUGEONS)	PERCENT	RECOVER	SYMBOLS DESCRIPTIONS
			T	14	-		\prod	99	99	
						-	\parallel			
***************************************								100	96	
·-··						+				GRADES TO OCCASIONAL SMALL PYRITE CONCRETION BELOW 317.0 FEET
								100	100	MOTTLED LIGHT GRAY AND BUFF DOLOMITIC LIMESTONE, FINE TO MEDIUM CRYSTALLINE: THIN BEDDED, NUMEROUS IRREGULAR HAIRLINE SHALE PARTINGS SPACED 1/4 TO 3 (WISE LAKE - DUNLEITH FORMATIONS)
					+	-		-	_	POROUS ZONE WITH NUMEROUS 1/4 TO 1/10 INCH OPEN
						-		100	100	FROM 327.3 TO 328.2 FEET 1/2 INCH VUG AT 333.0 FEET
					+			+		
								ю	100	1/2 INCH CRYSTAL LINE VUG AT 342.7 FEET
		-			-			-	-	BORING COMPLETED AT 345.7 FEET ON 10-13-72
	10		TO THE STATE OF TH	TO THE STATE OF TH	10 Hg 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	TOTAL STATE OF THE PROPERTY OF	100 Hg STREAM TO THE TO	### STREET	100	99 99

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FIGURE 2.5-157

LOG OF BORING L-4 (SHEET 5 OF 5)